

National Aeronautics and  
Space Administration

**Lyndon B. Johnson Space Center**  
2101 NASA Parkway  
Houston, Texas 77058-3696



Reply to Attn of: EA2-06-044

Prof. Sam Ting  
Massachusetts Institute of Technology  
Laboratory for Nuclear Science  
Cambridge, Massachusetts 02139

Dear Professor Ting,

At the July Alpha Magnetic Spectrometer (AMS) General Technical Interchange Meeting, we were asked to identify areas of the Thermal Control System (TCS) in which NASA could participate. We have looked at four areas and are pleased to inform you that we will be able to provide support in three critical areas.

- 1) NASA, through our contractor Jacobs Sverdrup, will extend the Thermal Working Group Contract with Carlo Gavazzi Space beyond the original contract end date of March 2007. The extended contract will provide 1 full time equivalent person to continue to provide support to the Thermal Working Group.
- 2) NASA will provide all of the beta cloth that is required to build all of the thermal blankets for the TCS. We will not provide or build all of the thermal blankets; however, we will supply the raw 800 Dun-Met Beta Cloth material.
- 3) NASA will tension and shear test all 60 of the honeycomb panel inserts once they are supplied by Carlo Gavazzi Space.

We regret that we were not able to identify a lower price thermostat to replace the currently specified Honeywell products, so we will not be able to help on this issue. Please let me know if you have questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Trent Martin".

Trent Martin  
AMS Project Manager

cc:

JSC/EA1/S. Porter

JSC/EC/J. Cornwell

Academia Sinica/S.C. Lee

B2SC/C. Clark

B2SC/C. Tutt

B2SC/M. Fohey

B2SC/P. Nemeth

CGS/M. Molina

CIEMAT/M. Aguilar

INFN/R. Battiston

MIT/B. Hungerford

MIT/M. Capell